

6TH GEO EUROPEAN PROJECTS' WORKSHOP



ROME, 7 & 8 MAY 2012

Report on splitter session
Health (including impact assessment
of human activities)

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Session Presentations

- EO2HEAVEN (José Lorenzo): Earth Observation and ENVironmental modelling for the mitigation of HEAlth risks, Overview of the EO2HEAVEN contribution to GEOSS and the health thread in AIP; case studies: air quality (Saxony, Durban) and cholera (Uganda)
- EO-MINERS (Stephane Drevel): Impact assessment of human activities, the EO-MINERS showcase (sites ZA, CZ, Kyrgistan)
- ImpactMin (Peter Gyuris): Impact assessment of human activities, the ImpactMin showcase, EO contribution in monitoring environmental and societal impact of mining activities (e.g. Karabash)
- Small, but interested audience that found the room

Open aspects and recommendations for further work

- interoperability with existing systems
- access to data and services
 - esp. health related
- fusion of EO and in-situ data (different spatio-temporal resolutions, validation), integrating spaceborne, airborne and subsurface data
- dialogue needed between industry, regulatory bodies and society; facing conflict with economic interests
- development of risk indices, impact indicators; proper communication to society
- extendibility to other contexts
- diverse requirements of decision makers and scientists
- mobile clients for field work where connectivity is low
 - data visualization, data upload, also of health data
- exploitation of crowd sourcing
- sustainability of results after project end